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Robin E. Barnum (Depositor's name)
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June 23, 2005 (Date)

23494 7590 06/10/2005
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06/23/2005 HDENESS2 00000062 200668 09900395

01 FC:1501 1400.00 DA
02 FC:1504 300.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/900,395	07/06/2001	Lior Ophir	TI-32591	5107

TITLE OF INVENTION: SYSTEM AND METHOD OF DATA COMMUNICATION USING TRELLIS CODED MODULATION OR TURBO TRELLIS CODED MODULATION IN COMBINATION WITH CONSTELLATION SHAPING WITH OR WITHOUT PRECODING WHEN USING CONCATENATED CODING SCHEMES OR WHEN WORKING IN A NON-ERROR FREE OPERATION POINT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	09/12/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
HA, DAC V	2634	375-265000

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- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.
2. For printing on the patent front page, list
- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
- 1 Abdul Zindani
- 2 W. James Brady, III
- 3 Frederick J. Telecky, Jr.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

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(A) NAME OF ASSIGNEE
Texas Instruments Incorporated

(B) RESIDENCE: (CITY and STATE OR COUNTRY)
Dallas, TX USA

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☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature *Abdul Zindani* Date June 23, 2005

Typed or printed name Abdul Zindani Registration No. 46,091

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

TI-32591

Lior Ophir

Art Unit: 2634

Serial No.: 09/900,395

Examiner: Dac V. Ha

Filed: July 6, 2001

Conf. No.: 5107

For: System and Method of Data Communication Using Trellis Coded Modulation in Combination
 With Constellation Shaping With or Without Precoding When Using Concatenated Coding Schemes or
 When Working in a Non-Error Free Operation Point

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent
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June 23, 2005
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NAME OF INVENTOR(S): Lior Ophir		RECEIPT DATE & SERIAL NO.: Serial No.: 09/900,395 Filing Date: July 6, 2001
TITLE OF INVENTION: System and Method of Data Communication Using Trellis Coded Modulation in Combination With Constellation Shaping With or Without Precoding When Using Concatenated Coding Schemes or When Working in a Non-Error Free Operation Point		
TI FILE NO.: TI-32591	DEPOSIT ACCT. NO.: 20-0668	
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